CDVBU01 User Manual

Ⅰ. Compatible battery:

This product can automatically detect if a 3.7v or 7.4v Li-ion battery is inserted as well as its polarities and make necessary adjustment. This product can not charge other kinds of battery or damaged battery.

Ⅱ. Input power supply:

1. Preferred to 12V AC adaptor or car charger. Charging current is 600mA.
2. Due to the electrical limitation of computer USB port, the charging current is only 300 mA or 200 mA .

Ⅲ. Battery Installation:

1. Insert the battery into charger
2. Adjust the contact points of charger
3. Make sure the plus and negative terminals of the battery are properly connected to the metal points, then greed LED light will be lid and start charging.

Ⅳ. Charging status and Battery capacity(approximately)**:**

Power on: Red LED light on if battery not plug in.

Charging: Green LEDs flow continuously, showing battery level as below: Green LEDs and the battery capacity(appr.)

Capacity	0-25%	26-50%	51-75%	75-99%	100%
LED light	4 LEDs blink	3 LEDs blink 1 LED is on	2 LEDs blink, 2 LEDs are on	1 LED blinks, 3 LEDs are on	4 LEDs are on

Charging complete: All 4 green LEDs on (LEDs not flowing)

Battery fail: Red LED blinks, third green LED (right below the red LED) blinks.

Charger fail or Charging overtime: Red LED blinks, second green LED blinks.

Ⅴ. Trouble shooting

Battery can't be detected: Check the battery installation and keep contaction well.
If the battery is full discharged please press the 0V button to active it.,see the section "0V button" below.

Battery fail state: Make sure the charger's contact points are properly connecting with the + and - terminals of battery.
If the T or D terminal of battery is connected to the charger,it will show "battery fail".
Make sure the contaction is well.
Then if LEDs still display "battery fail" mean that the battery can't be charged by this charger.

Charger fail or Charging overtime state: Cut off the power to reset the MCU.

Mcu reset: The charger managed by an intelligent mcu inside. Cut off the power to reset the mcu if it doesn't work well.

Ⅵ. 0V Button:

When the battery is under over-discharge protection, the charger can't detect the polarity and type.
User can activate and trickle charge the battery by pressing the 0V button.

Notice: This function is only for over-discharge protected battery.
Before use this function, please make sure the battery is not damaged.
To activate the big capacity over-discharged battery, several times maybe needed.

Ⅶ. Warnning:

1. Don't change the polarity of the battery terminal when charging or 0V function is running. This will cause damage.
2. Use only with the recommendatory adapter.
3. Please make sure the input power and battery type match with the charger before use.
4. Please keep this product away from fire, heat source and direct sunlight.
5. Please avoid contacting with water, corrosive gases, dust or anywhere wet or dusty.
6. Please don't break down or assembly this charger, make sure the charger not extruded/impacted as it may cause damage.